

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032816.D
 Acq On : 18 Jul 2024 14:24
 Operator : MA/JU
 Sample : PB162081BS
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS081

Quant Time: Jul 18 15:29:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

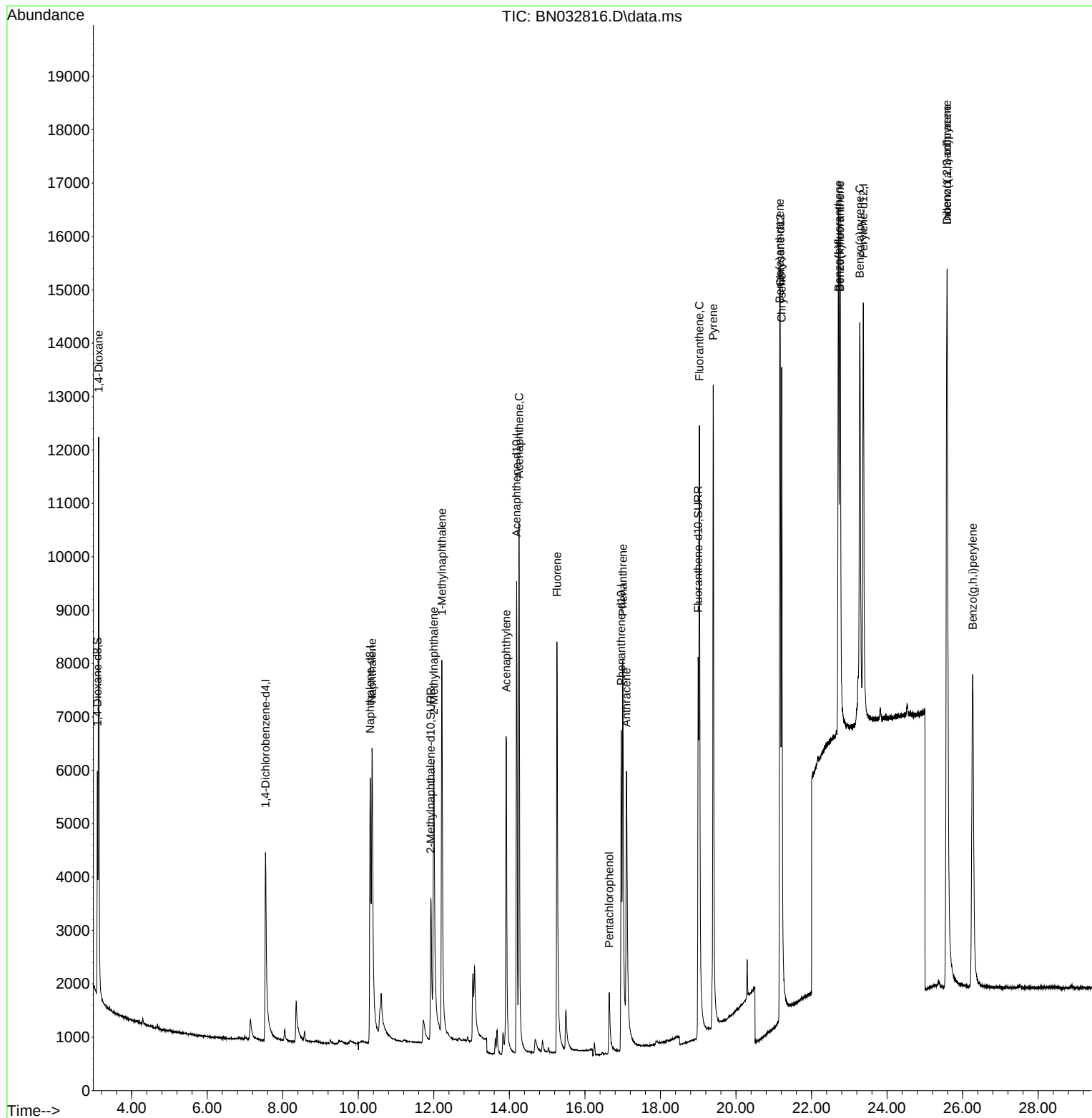
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	3435	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	11179	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	6060	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	10235	0.400	ng/ul	0.00
17) Chrysene-d12	21.174	240	9604	0.400	ng/ul	# 0.00
23) Perylene-d12	23.371	264	11790	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2991	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	6323	0.374	ng/ul	-0.01
18) Fluoranthene-d10	18.999	212	11181	0.357	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.127	88	7976	1.698	ng/ul	92
5) Naphthalene	10.365	128	10910	0.363	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	6707	0.358	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	6791	0.350	ng/ul	100
10) Acenaphthylene	13.915	152	9330	0.381	ng/ul	99
11) Acenaphthene	14.258	153	7356	0.363	ng/ul	99
12) Fluorene	15.262	166	7368	0.318	ng/ul	100
14) Pentachlorophenol	16.644	266	1586	0.883	ng/ul	98
15) Phenanthrene	17.003	178	10055	0.361	ng/ul	98
16) Anthracene	17.100	178	9249	0.406	ng/ul	97
19) Fluoranthene	19.031	202	12601	0.323	ng/ul	99
20) Pyrene	19.399	202	13498	0.334	ng/ul	99
21) Benzo(a)anthracene	21.159	228	12139	0.397	ng/ul	97
22) Chrysene	21.209	228	14660	0.331	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	13679	0.329	ng/ul	89
25) Benzo(k)fluoranthene	22.754	252	15828	0.312	ng/ul#	89
26) Benzo(a)pyrene	23.278	252	13918	0.387	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.589	276	18201	0.373	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.589	278	14107	0.373	ng/ul#	91
29) Benzo(g,h,i)perylene	26.267	276	14320	0.351	ng/ul	94

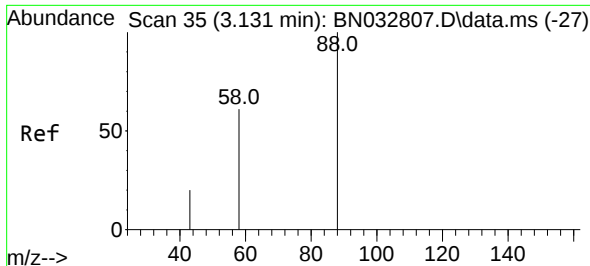
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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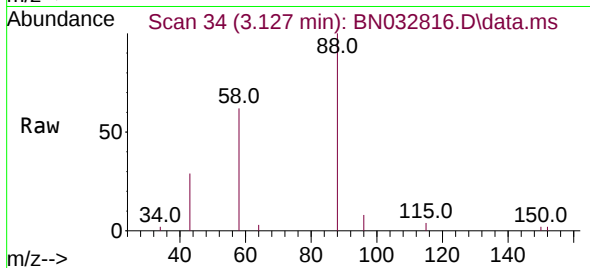
Quant Time: Jul 18 15:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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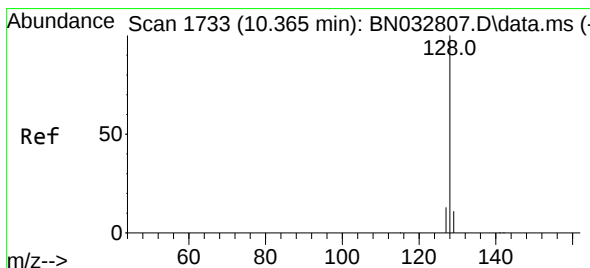
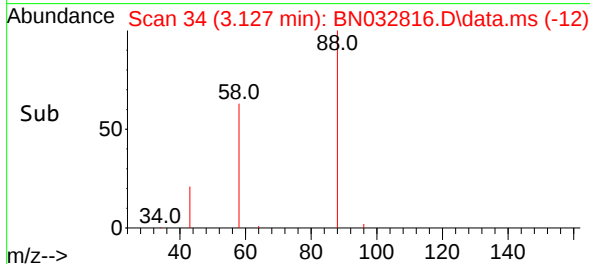
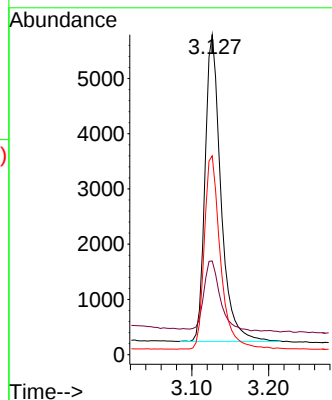
#2
 1,4-Dioxane
 Concen: 1.698 ng/ul
 RT: 3.127 min Scan# 34
 Delta R.T. -0.009 min
 Lab File: BN032816.D
 Acq: 18 Jul 2024 14:24

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 88 Resp: 7976

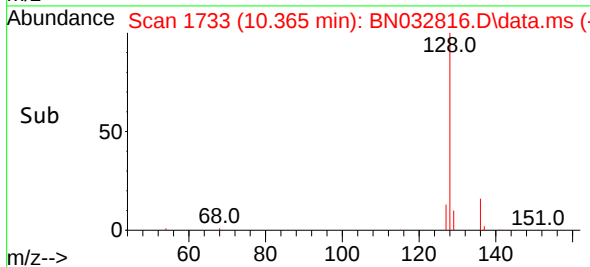
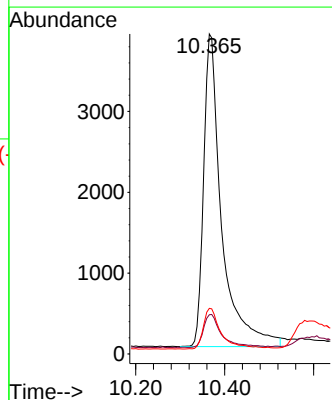
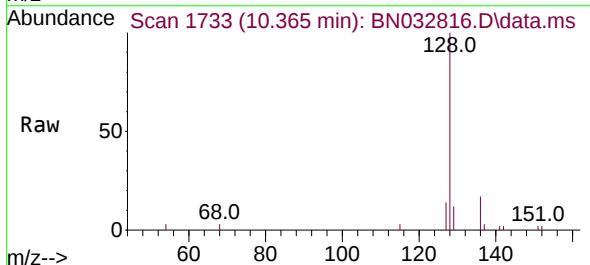
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.0	36.0
58	62.1	43.3	64.9

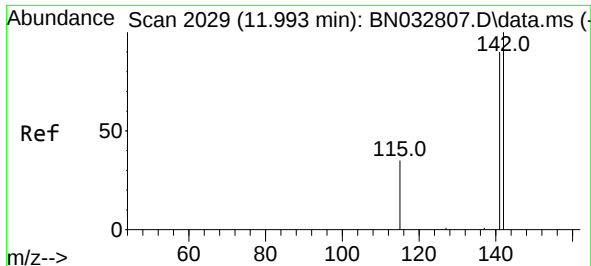


#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.365 min Scan# 1733
 Delta R.T. -0.006 min
 Lab File: BN032816.D
 Acq: 18 Jul 2024 14:24

Tgt Ion: 128 Resp: 10910

Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.0	15.0
127	14.3	11.6	17.4

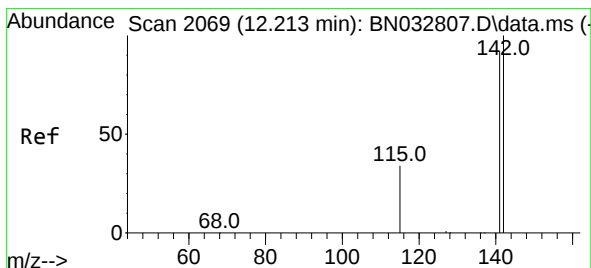
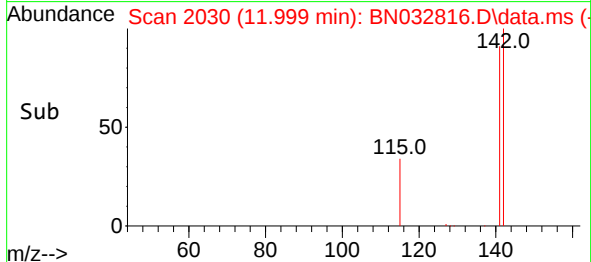
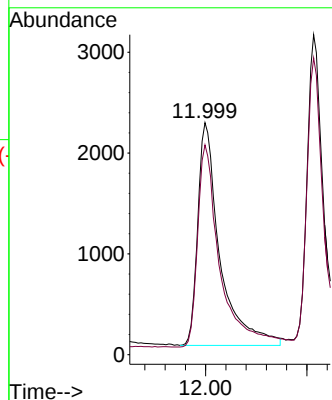
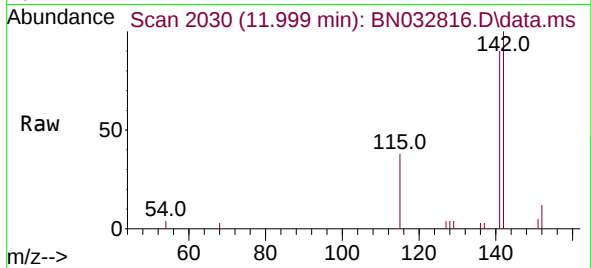




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

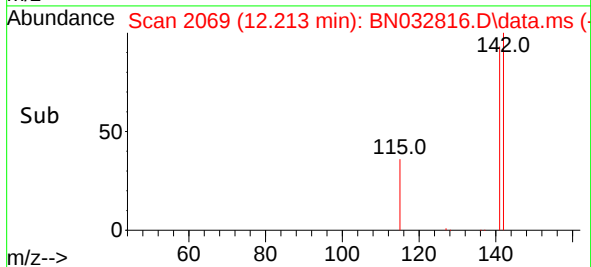
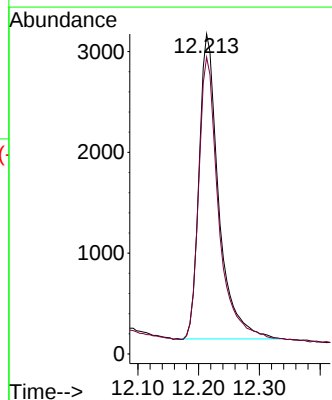
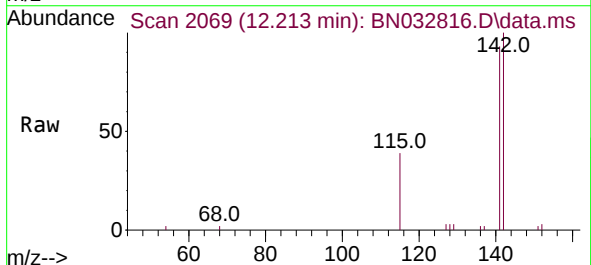
Instrument :
BNA_N
ClientSampleId :
SLCS081

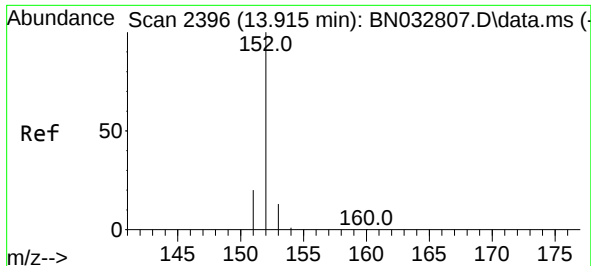
Tgt Ion:142 Resp: 6707
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:142 Resp: 6791
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

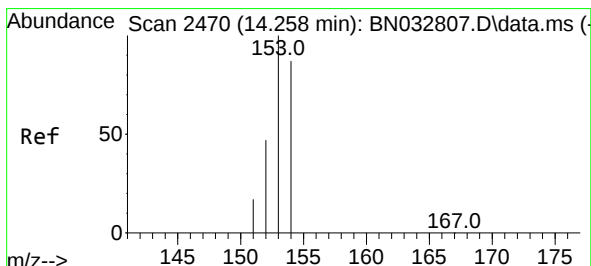
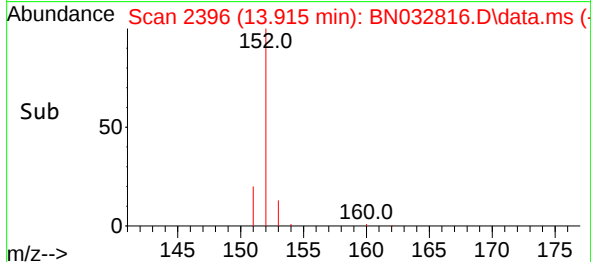
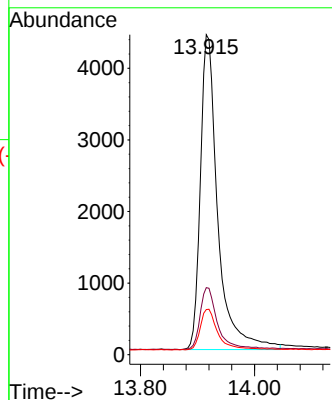
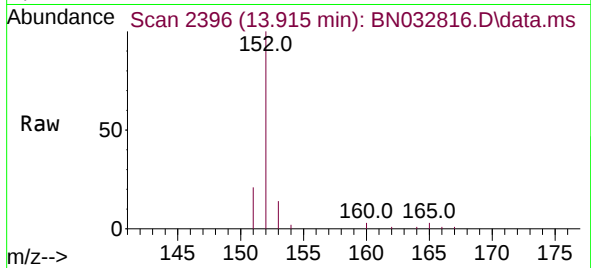




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

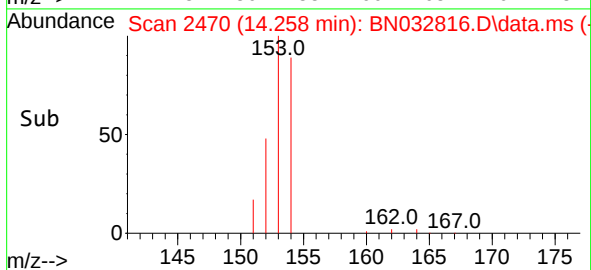
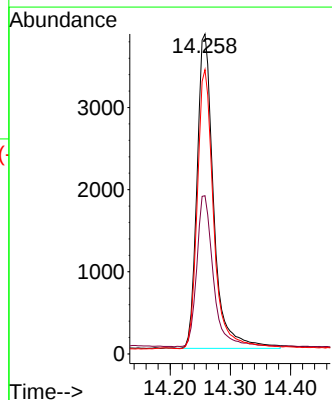
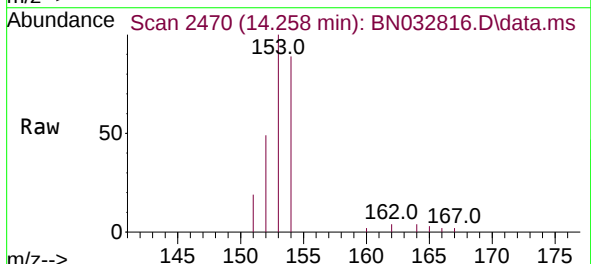
Instrument :
BNA_N
ClientSampleId :
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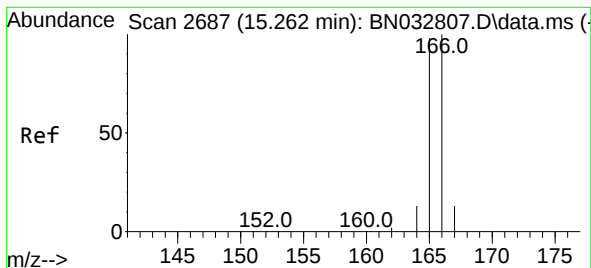
Tgt Ion:152 Resp: 9330
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.1 11.3 16.9



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:153 Resp: 7356
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.8 70.2 105.4





#12

Fluorene

Concen: 0.318 ng/ul

RT: 15.262 min Scan# 2

Delta R.T. -0.005 min

Lab File: BN032816.D

Acq: 18 Jul 2024 14:24

Instrument :

BNA_N

ClientSampleId :

SLCS081

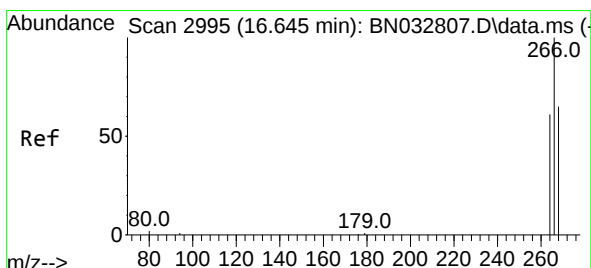
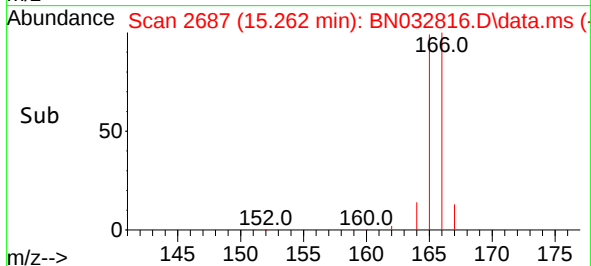
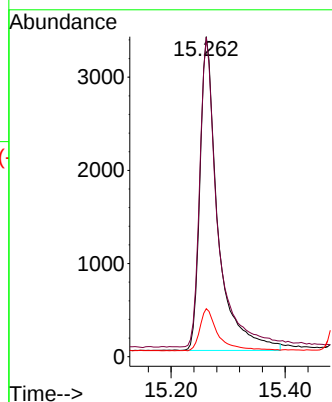
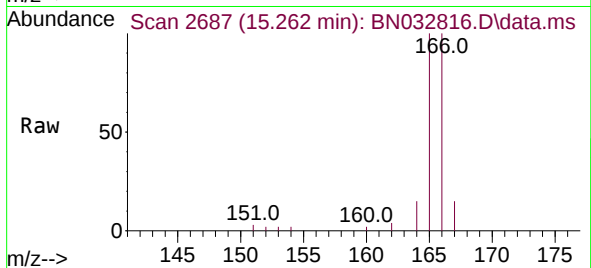
Tgt Ion:166 Resp: 7368

Ion Ratio Lower Upper

166 100

165 99.8 79.7 119.5

167 15.0 11.4 17.2



#14

Pentachlorophenol

Concen: 0.883 ng/ul

RT: 16.644 min Scan# 2995

Delta R.T. -0.004 min

Lab File: BN032816.D

Acq: 18 Jul 2024 14:24

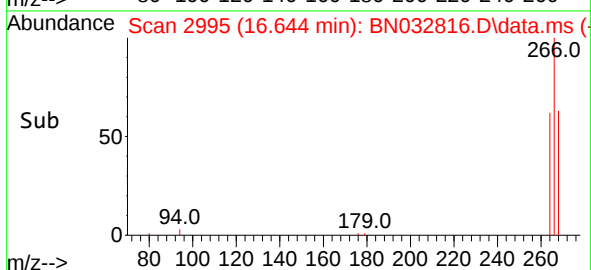
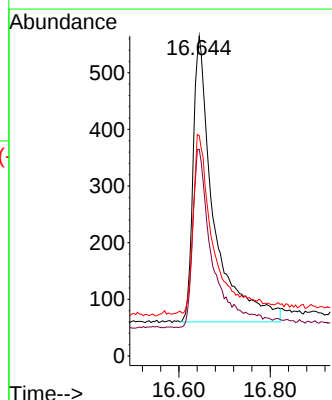
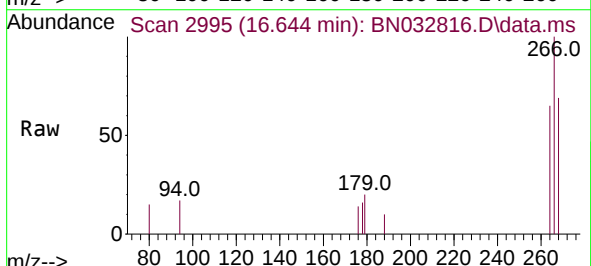
Tgt Ion:266 Resp: 1586

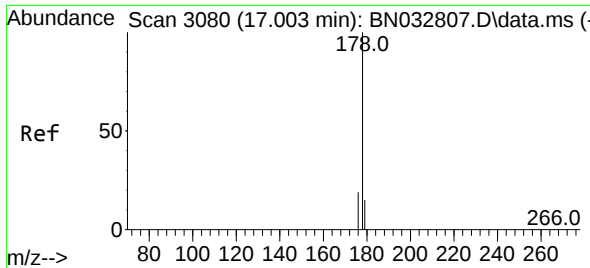
Ion Ratio Lower Upper

266 100

264 62.4 49.4 74.2

268 61.9 51.6 77.4

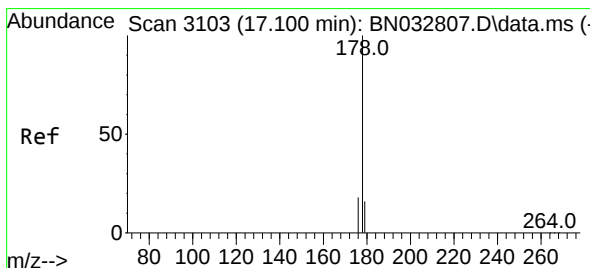
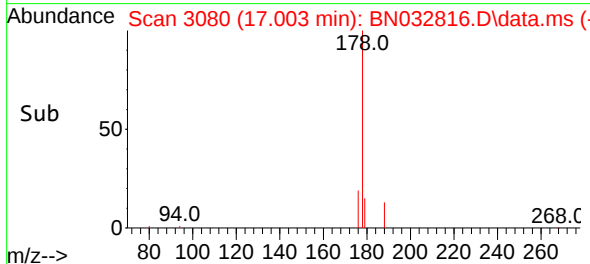
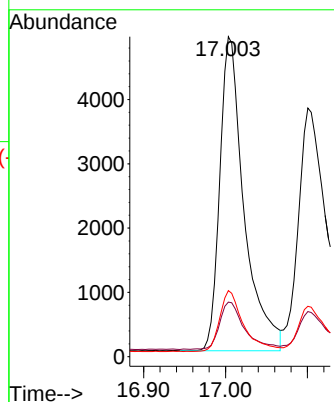
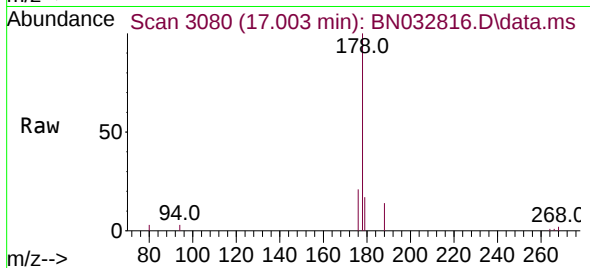




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.004 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

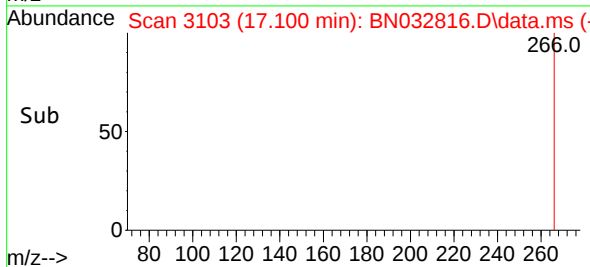
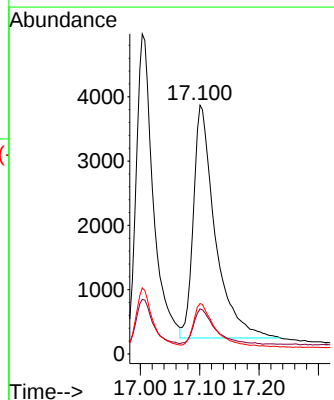
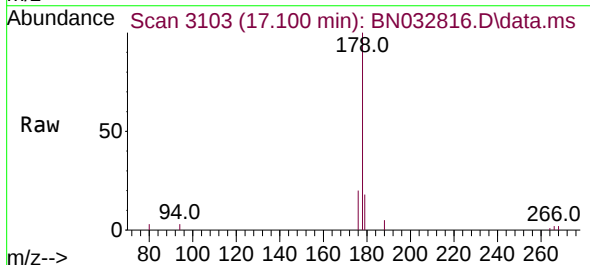
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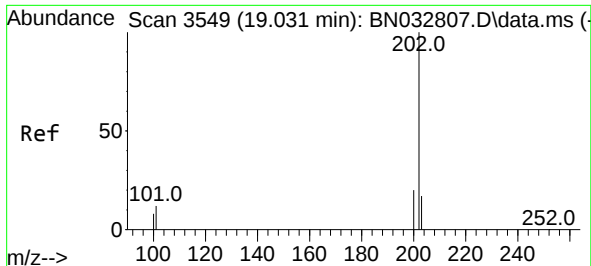
Tgt Ion:	178	Resp:	10055
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.0	19.4
176	20.6	15.6	23.4



#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.100 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:	178	Resp:	9249
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.4	20.2
176	20.3	15.4	23.0

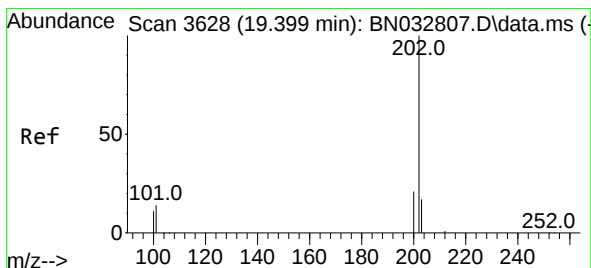
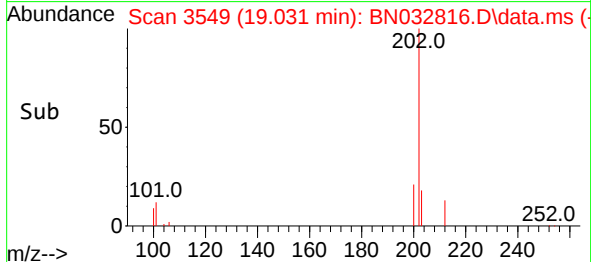
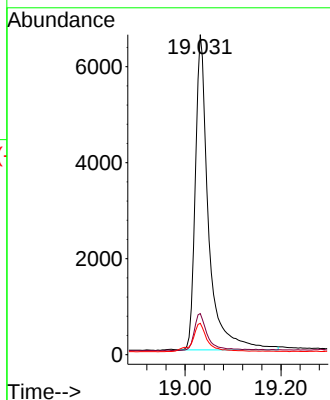
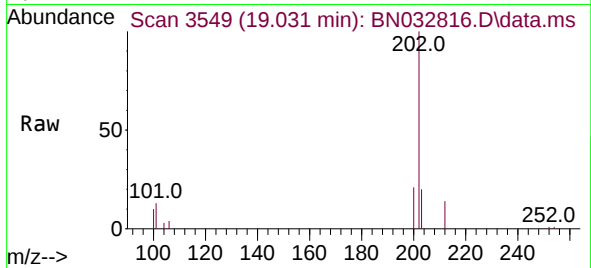




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

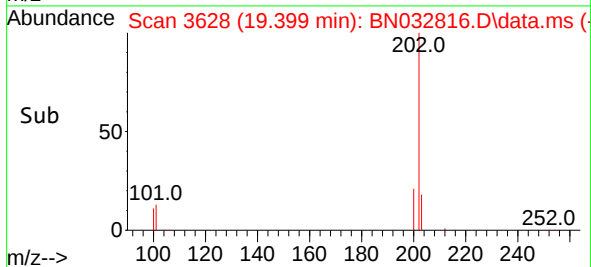
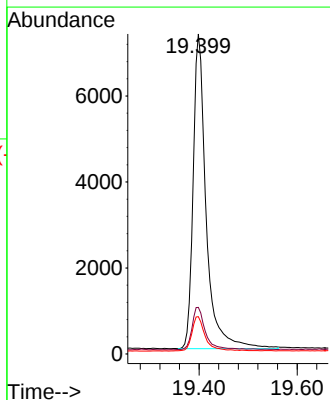
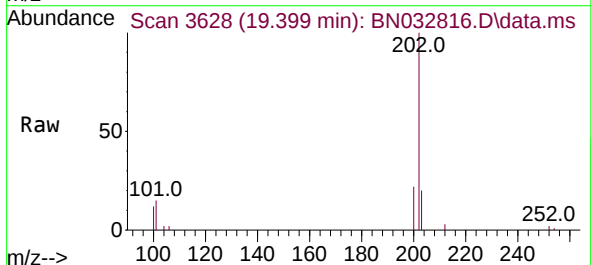
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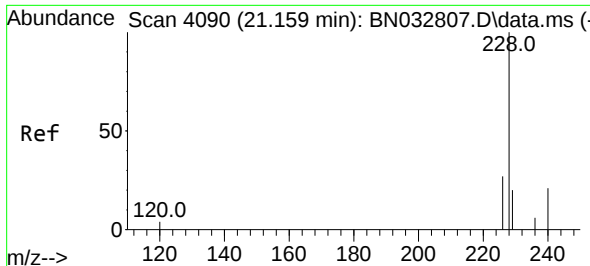
Tgt Ion:	202	Resp:	12601
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.8	14.8
100	9.8	7.9	11.9



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.399 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:	202	Resp:	13498
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.8	17.6
100	11.6	9.6	14.4

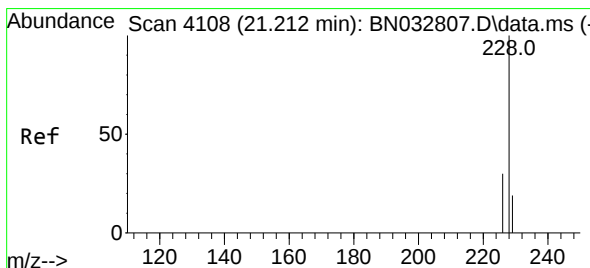
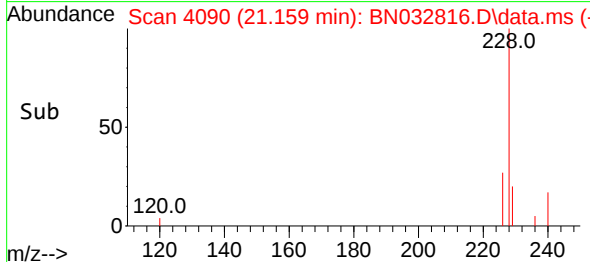
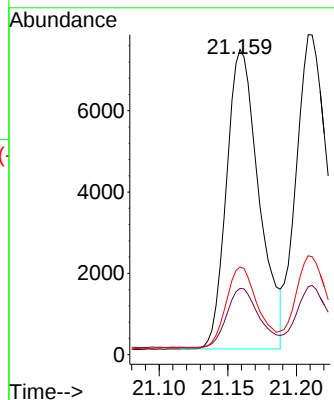
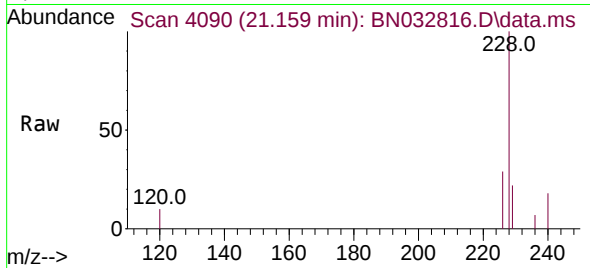




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

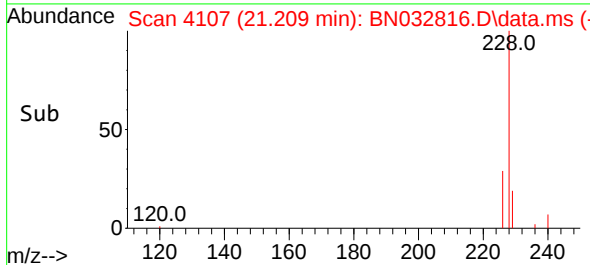
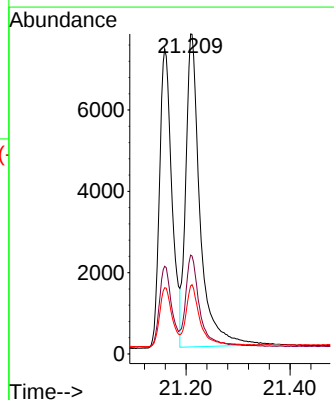
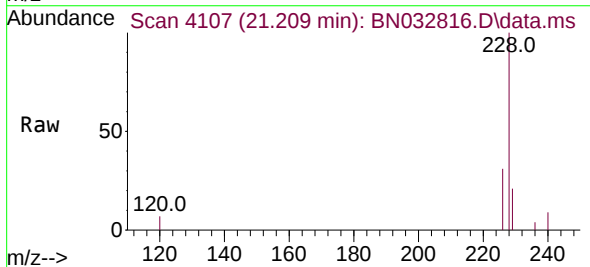
Instrument :
BNA_N
ClientSampleId :
SLCS081

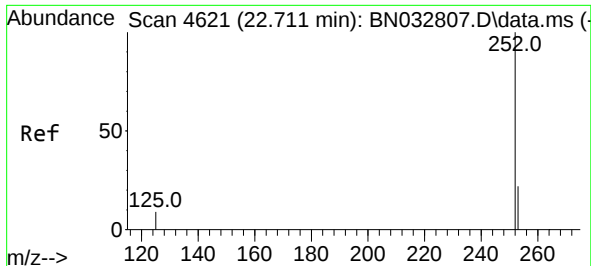
Tgt Ion:228 Resp: 12139
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 28.7 21.9 32.9



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:228 Resp: 14660
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.3 15.8 23.6

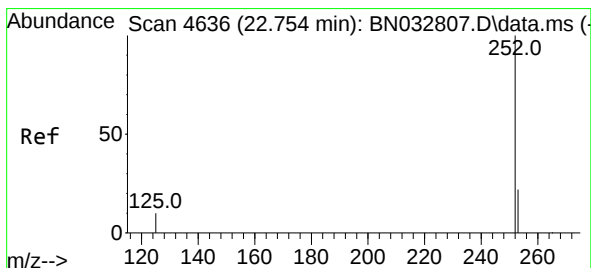
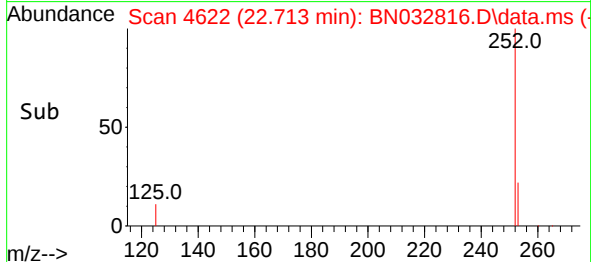
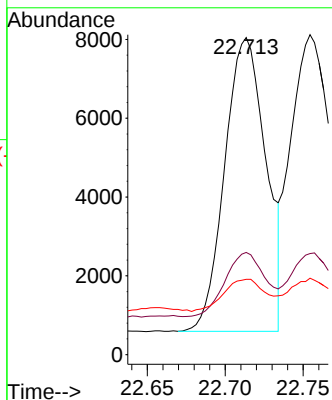
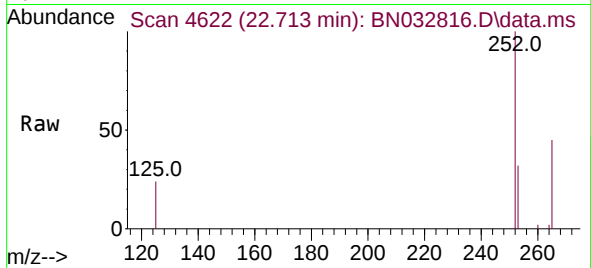




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

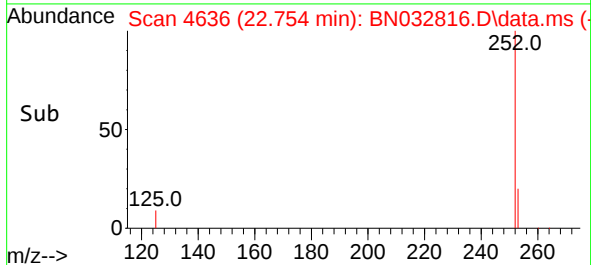
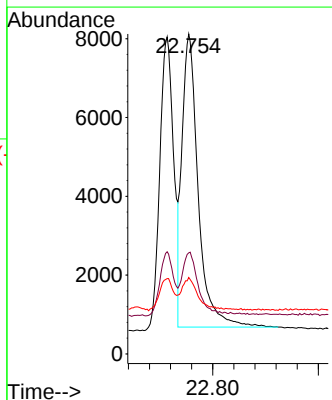
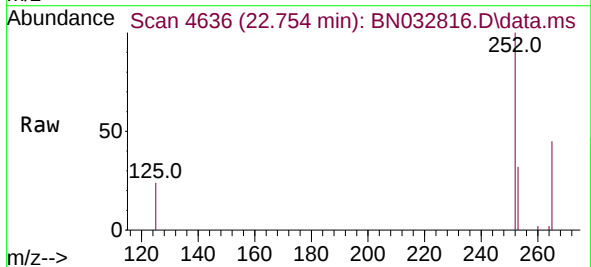
Instrument :
BNA_N
ClientSampleId :
SLCS081

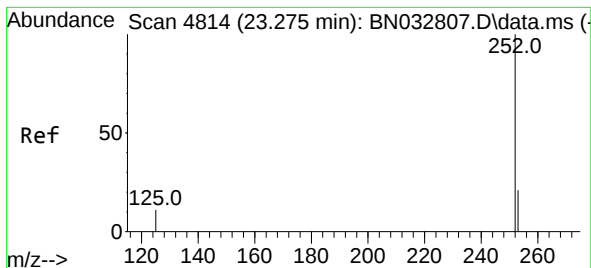
Tgt Ion:252 Resp: 13679
Ion Ratio Lower Upper
252 100
253 32.2 0.0 54.0
125 23.8 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 22.754 min Scan# 4636
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:252 Resp: 15828
Ion Ratio Lower Upper
252 100
253 31.6 21.2 31.8
125 23.9 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.278 min Scan# 4814

Delta R.T. -0.000 min

Lab File: BN032816.D

Acq: 18 Jul 2024 14:24

Instrument :

BNA_N

ClientSampleId :

SLCS081

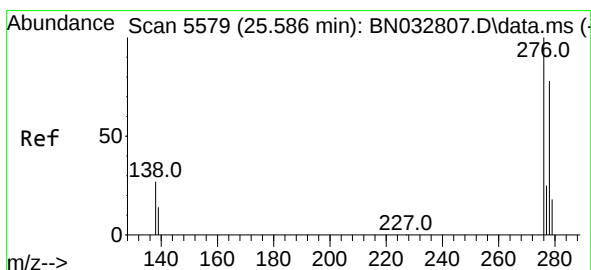
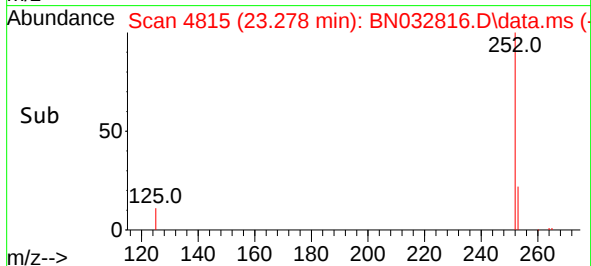
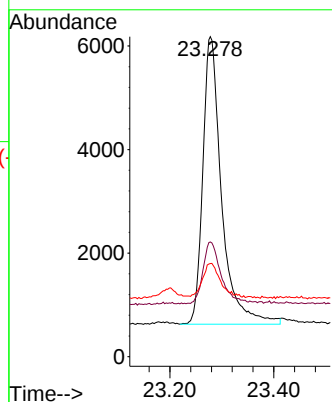
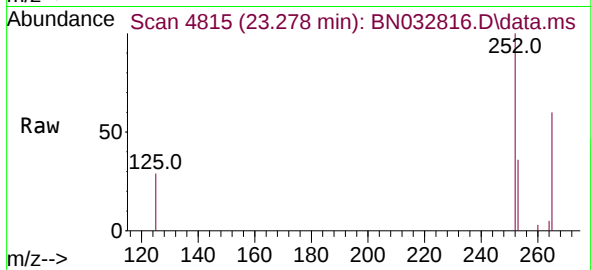
Tgt Ion:252 Resp: 13918

Ion Ratio Lower Upper

252 100

253 35.9 25.4 38.0

125 29.1 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.373 ng/ul

RT: 25.589 min Scan# 5580

Delta R.T. 0.007 min

Lab File: BN032816.D

Acq: 18 Jul 2024 14:24

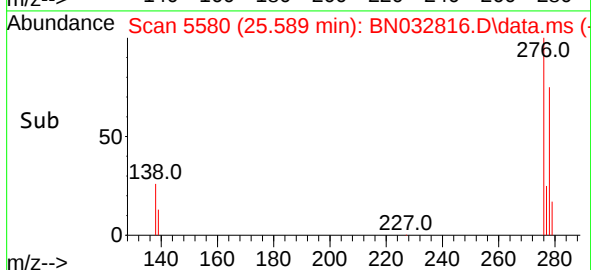
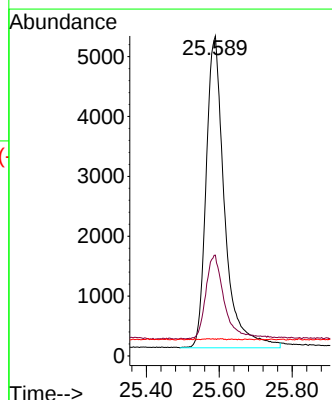
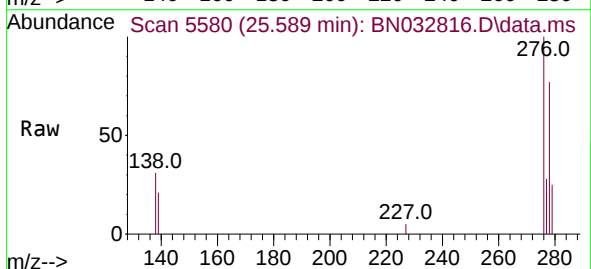
Tgt Ion:276 Resp: 18201

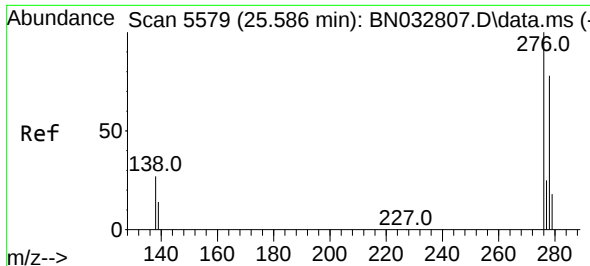
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.1 0.0 0.0#

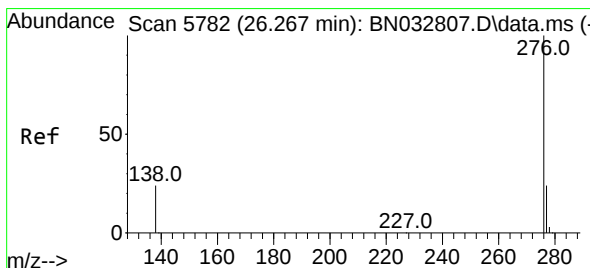
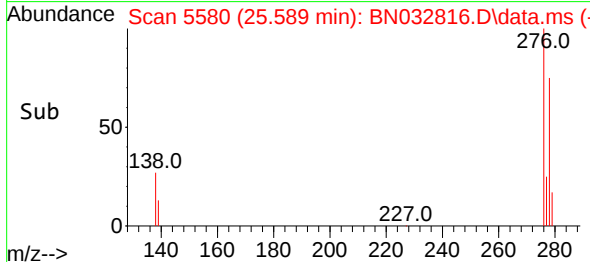
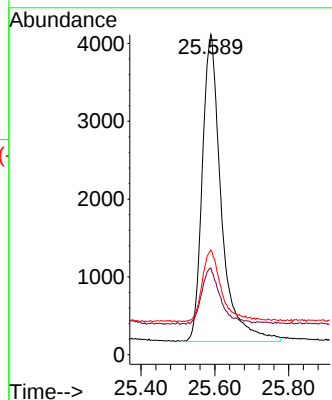
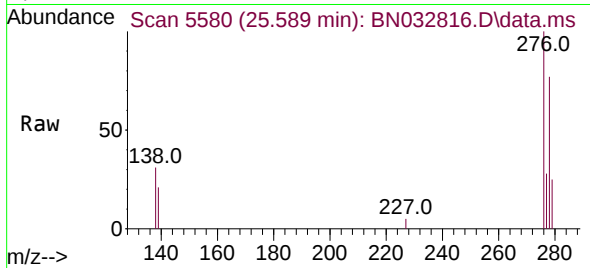




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 25.589 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Instrument :
BNA_N
ClientSampleId :
SLCS081

Tgt Ion:278 Resp: 14107
Ion Ratio Lower Upper
278 100
139 27.1 16.6 24.8#
279 32.7 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.267 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BN032816.D
Acq: 18 Jul 2024 14:24

Tgt Ion:276 Resp: 14320
Ion Ratio Lower Upper
276 100
138 29.1 21.0 31.4
277 28.9 20.6 31.0

